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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— of inventorship (Rule 4.17(iv)) for US only

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[Continued on next page]

(54) Title: ERASABLE INK FOR A WRITING IMPLEMENT

(57) Abstract: At least one embodiment of the present invention relates to an erasable ink composition particularly useful in a writing instrument for simultaneous the appearance of a graphite pencil. The composition of the present invention comprises a solvent system, a rubber and a pigment. The solvent system used in the present invention comprises an organic ester and a component selected from the group consisting of an optionally substituted cycloalkane, an optionally substituted cycloalkanone, an optionally substituted cycloalkene, or mixtures thereof. A sufficient amount of the solvent system is present so that the erasable ink composition will flow in a writing instrument. Preferably, the erasable ink composition of the present invention includes a pigment comprising graphite and carbon black. Finally, the erasable ink composition optionally includes a plasticizer, a liquid butene, or one or more additives selected from the group consisting of a corrosion inhibitor, a flow enhancing compound, and mixtures thereof.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 523/161; 524/577

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 523/160, 161; 524/577; 106/31.60, 31.64, 31.85

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,738,725 A (DAUGHTERY et al.) 19 April 1988 (19/04/88), example 3	1,3,5,7,9-12,15,18-19
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Y		13-14,17
X	US 4,721,739 A (BRENNEMAN et al.) 26 January 1988 (26/01/88), col.3, lines 49-55, col.4, lines 46-50 and 65, col.5, lines 9-10, col.6, lines 11-16 and 56-60, and col.7, lines 12-13, 17-24, 41, 46, 47.	1-5,7,9-13,18-20
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Y		14-17
Y	US 4,629,748 A (MIYAJIMA et al.) 16 December 1986 (16/12/86), col.2, lines 11-22, 30-37, 57-58.	13-14
Y	US 4,367,966 A (WILLIAMS et al.) 11 January 1983 (11/01/83), col.3, lines 36-42.	15-16
Y	US 5,977,211 A (KOYAMA) 02 November 1999 (02/11/99), col.4, lines 5-8, 17, and 35-37.	15-16
Y	US 4,391,927 A (FARMER, III) 05 July 1983 (05/07/83), col.7, lines 23-49.	17
Y	US 4,357,431 A (MURAKAMI et al.) 02 November 1982 (02/11/82), col.2, lines 7-19.	17

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"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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International application No.

PCT/US04/00385

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,135,569 A (MATHIAS) 04 August 1992 (04/08/92)	
A	EP 0110161 A1 (PILOT MAN-NEN-HITSU KABUSHIKI KAISHA) 13 June 1984 (13/06/84)	

INTERNATIONAL SEARCH REPORT

International application No.
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Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: ink, erasable, cyclohexane, cyclohexanone, cycloalkane, cycloALKanone, cycloalkene, isobutyl butyrate, rubber, elastomer, dibutyl phtahlate, dioctyl phthalate, corrosion inhibitor, plasticizer, mineral oil, styrene-isoprene, pigment, graphite, carbon black